

MONARCH SAW-SET.



We wish to call special attention to the particular merits of the **MONARCH SAW** set. Many Hand Saw sets are imperfect for the reason that the power is applied by the upper handle of the tool, making it necessary to change the position of the hand every time the pressure is given to the tooth. To perfectly set a saw it is necessary that the Saw-Set should be held in the same relative position on every tooth. In the Monarch, the power is applied by the lower lever, making it very easy to hold the saw-set in the proper position and obtain the necessary pressure by simply closing the fingers. The head of the set is made open and the work in plain view at all times, enabling the operator to quickly adjust the Saw-Set to the tooth. The gauge "B" for regulating the depth of set has a wider bearing than in most Saw-Sets, thus doing away with the tendency to incline the tool to one side or the other, which would give an uneven set to the teeth. The anvil "E" is fitted with four beveled surfaces suitable for different sizes of teeth. The amount of set on each tooth is regulated by set screw "C" which is held firmly in place after adjustment by the small lock-nut or lever in the rear. This is of considerable importance, as the screw "C" cannot work loose during the operation of setting, which is the case with many other saw-sets, and insures an even amount of set throughout the entire length of blade. **IN OPERATING**, first adjust the anvil so that the bevel most suitable for the size tooth to be set is brought into position; hang the Saw-Set on the saw so that guide "B" rests on the teeth; adjust this guide for the depth of set to be given by use of set screw "A." Use care not to go too deeply into the tooth as all of the set should be in the tooth itself. Taking too deep a hold is liable to distort the body of the blade, or break out the teeth. The top of plunger "D" should be in line with the top of the tooth to be set. Next adjust set screw "C" for amount of set required taking care not to put on any more set than is absolutely necessary.

The Monarch Saw-Set is manufactured in three sizes; the smaller size being suitable for Saws three-quarter inch and wider, Hand Saws, Back Saws, etc., and the larger sizes for Circular, Cross-cut Saws, etc. Each size is finished either Japanned or Polished.